

REMARKS

Claims 43-58 were pending in this application. Claim 44 has been canceled. Claims 43, 45-58 are pending.

Claim Rejections Under 35 USC §103

Claim 43 is rejected under 35 U.S.C. 103(a) as being unpatentable over *Ogdon et al.*, US Patent No 6,161,137 (“Ogdon”), in view of *Trossen*, US Publication No. 2004/0128344 (“Trossen”).

The elements of claim 44 have been added to claim 43. As claim 44 was rejected using a separate obviousness analysis, the Applicant believes the rejection of claim 43 should be discussed in reference to now canceled claim 44.

Claims 44-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ogdon, in view of Trossen, and further in view of *Weisman et al.*, US Publication No. 2002/0112058 (“Weisman”).

Claim 44 has been added to claim 43. The Applicant believes several elements of the amended claim 43 are missing from all of the cited references.

OBTAINING DISPLAY SETTINGS FOR THE PROJECTOR

The Office action points to paragraphs 0045, 0062, 0125 and 0151 of Weisman as disclosing this element. It is the Applicants belief that none of the paragraphs, including the specified paragraphs, disclose obtaining display settings as called for in the claims.

Paragraph 0045 discloses a discovery API and providing services of discovery requests. It also discloses have one peer disclose state information to other peers on the network. Paragraph 0062 discloses that each device has a service description that lists its actions and state variables. Paragraph 00125 discloses a deserializer which decodes each SOAP token, converting from text to binary form using the UPnP type information for state variables and arguments. Paragraph 0151 discloses how control request and service implementations occur.

The claims are specific in calling for obtaining the display settings. What is included in services and discovery requests is not specified. At best, Weisman hints at display

settings. A logical leap is needed to go from the disclosed “state variables” to the claimed display settings. To the Applicant, state variables implies health of the device such as whether it is on, whether it is operating properly, whether it has any errors, etc. Display settings are distinct and more specific than state variables.

The benefit of display settings is that a peer can know the display settings which sounds circular but that is the point, display settings are specific. Some projectors may be more desirable than others based on the display settings. Some presentations will not work with inadequate display settings. Some presentations may look silly using the wrong display settings. The claims allow such problems to be avoided by knowing more than just the state of the projector, but the specific display settings.

Thus, the claim element of obtaining display settings is not present in the cited references, the rejection should be withdrawn and the claims should be allowed.

SETTING DISPLAY SETTINGS ON THE PROJECTOR

The Office action points to paragraphs 0817, 0860 and 1000 of Weisman as disclosing this element. It is the Applicants belief that none of the paragraphs, including the specified paragraphs, disclose setting display settings as called for in the claims.

Paragraph 0817 discloses allowing a control point to control the device and/or view device status. The degree to which each of these can be accomplished depends on the specific capabilities of the presentation page and device. A fair reading of the specification is that the user can control operating a presentation through the projector, not setting display settings as called for in the claims. Even giving the specification of Weisman a broad reading, there still is no disclosure of setting display settings as called for in the claims.

Paragraph 0860 discloses advertising the full extent of the devices capabilities to interested control points. This sounds damning to the pending claims, but the disclosed advertisement listed above only lists discloses a device UUID and device (or service) type. Even giving the specification of Weisman a broad reading, there still is no disclosure of setting display settings as called for in the claims.

Paragraph 01000 discloses after a control point has discovered a device, the control point still knows very little about the device—only the information that was in the discovery message, i.e., the device's (or service's) UPnP type, the device's universally-

unique identifier, and a URL to the device's UPnP description. For the control point to learn more about the device and its capabilities, or to interact with the device, the control point retrieves the device's description from the URL provided by the device in the discovery message. Even giving the specification of Weisman a broad reading, there still is no disclosure of setting display settings as called for in the claims.

The claimed ability to be able to adjust the settings of the projector is useful and a patentable step ahead of the cited references. By being able to control the projector, virtually any display or presentation may be properly displayed on the projector by adjusting the projector as needed. The flexibility of the system is vastly improved by being able to control the projector.

Dependant Claims

As the dependant claims contain all the limitations of the independent claims and elements in the independent claims are missing from cited references, these same elements are present in the dependent claims and are also missing from the cited references. As elements are missing from the dependent claims, the rejection of the dependants claims should be withdrawn and the claims should be allowed.

CONCLUSION

In view of the above amendment and arguments, the applicants submit the pending application is in condition for allowance and an early action so indicating is respectfully requested.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 13-2855, under Order No. 30835/306544 from which the undersigned is authorized to draw.

Dated: September 13, 2010

Respectfully submitted,

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